

LIST OF REFERENCES CITED BY APPLICANT Form PTO-1449 <i>(Use several sheets if necessary)</i>			ATTY. DOCKET NO.:	APPLICATION NO.:
			81938-4199	10/785, 157
			APPLICANT:	
			John G. CARMAN	
Sheet 1 of 4			FILING DATE:	GROUP:
			Concurrently herewith	1638

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KOR	A1	5,710,637	01/1998	Kindiger et al.	800	200	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KOR	C1	Asker and Jerling, Apomixis in Plants, p. 114. 1992.
KOR	C2	Asker and Jerling, Apomixis in Plants, p. 81-107, 241-283. 1992.
KOR	C3	Barcaccia et al. Comparison between isozyme and RAPD analyses to screen aberrant plants in <i>Poa pratensis</i> L. progenies, in Apomixis Newsletter, 7:29-30. 1994.
KOR	C4	Bashaw et al., Apomictic grasses. In: Principles of Cultivar Development Vol. 2, Fehr (ed.), Macmillan Publishing Company, New York, pp. 40-82. 1987
KOR	C5	Bashaw, Apomixis and its Application in Crop Improvement. Hybridization of Crop Plants, Fehr et al. (eds.), American Society of Agronomy and Crop Science Society of America, Madison, pp. 45-63. 1980.
KOR	C6	Bates et al., 1974, Wide Crosses. In: Proceedings of World-wide maize improvement in the 70's and the role of CIMMYT, April 22-26 El Batán, Mexico. 7 pp. CIMMYT.
KOR	C7	Battaglia, R., 1989. The Evolution of the Female Gametophyte of Angiosperms: an Interpretive Key, Annali di Botanica 47:7-144.
KOR	C8	Baum et al. Wide Crosses in Cereals. Annu. Rev. Plant Physiol. Plant Mol. Biol., 43:117-43. 1992.
KOR	C9	Bayer, R.J., Evolution of Polyploid Agamic Complexes with Examples from <i>Antennaria</i> (Asteraceae), Opera Botanica 132:53-65 (1996).
KOR	C10	Bell, P.R., Apospory and Apogamy: Implication for Understanding the Plant Life Cycle, International Journal of Plant Sciences 153: S123-S136 (1992).
KOR	C11	Bennett, S.T. et al., Spatial Separation of Ancestral Genomes in the Wild Grass <i>Milium montianum</i> Parl., Annals of Botany 70:111-118 (1992)
KOR	C12	Carman JG, The evolution of gametophytic apomixis, In Batygina (ed) Embryology of Flowering Plants, Vol. 3, The Systems of Reproduction, Russian Acad Sci, St. Petersburg. 230-236. 2000.
KOR	C13	Carman JG. Asynchronous expression of duplicate genes in angiosperms may cause apomixis, bisporomy, tetrasporomy, and polyembryony. Biol J. Linnean Soc 61: 51-94. 1997.
KOR	C14	Carman, Evolution of Apomixis in <i>Antennaria</i> (Asteraceae): A Model Involving Hybrid Origins and Karyotypic Stabilization, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
KOR	C15	Carman, J.G., Aposporous Apomixis in <i>Schizachyrium</i> (Poaceae:Andropogoneae), Crop Science 2:1252-1255 (1982)
KOR	C16	Carman, J.G., Comparative Histology of Cell Walls During Meiotic and Apomeiotic Megasporogenesis in Two Hexaploid Australian <i>Elymus</i> species, Crop Science 31:1526-1532 (1991).
KOR	C17	Carman, J.G., Gametophytic Angiosperm Apomicts and the Occurrence of Polyspory and Polyembryony Among Their Relatives, Apomixis Newsletter 8:39-53 (1995)
KOR	C18	Carman, J.G., Phylogeny of Apomictic, Polysporic and Polyembryonic Angiosperms: Evolutionary and Regulatory Implications, Abstract of a paper presented at the international conference, Harnessing Apomixis, September 25-27, College Station, Texas (1995)

EXAMINER	/Keith Robinson/	DATE CONSIDERED	12/20/2006
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

LIST OF REFERENCES CITED BY APPLICANT Form PTO-1449 <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.:	APPLICATION NO.:
		81938-4199	10/785, 157
		APPLICANT:	
		John G. CARMAN	
Sheet 2 of 4		FILING DATE:	GROUP:
		Concurrently herewith	1638

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

KOR	C19	Crane, C.F. et al., Mechanismsm of Apomixis in <i>Elymus rectisetus</i> from Eastern Australia and New Zealand, <i>American Journal of Botany</i> , Vol. 74, pp.477-496.
KOR	C20	de Wet et al. 1970. Stable triploid hybrids among <i>Zea-Tripsacum-Zea</i> backcross populations. <i>Caryologia</i> 23:183-187.
KOR	C21	De Wet, J.M.J. et al., Gametophytic Apomixis and Evolution in Plants, <i>Taxon</i> 23:689-697 (1974)
KOR	C22	Dung et al., Dissection of a major QTL for photoperiod sensitivity in rice: its association with a gene expresses in an age-dependent manner. <i>Theor. Appl. Genet.</i> Vol. 97, pp. 714-720, 1996.
KOR	C23	Ellerstrom et al., 1977. Sterility and apomictic embryo-sac formation in <i>Raphanobrassica</i> . <i>Hereditas</i> 87:107-120.
KOR	C24	Ellerstrom et al., 1983. Apomictic progeny from <i>Raphanobrassica</i> . <i>Hereditas</i> 99:315.
KOR	C25	Eshed et al., 1996. Less-than-epistatic interactions of quantitative trait loci in tomato. <i>Genetics</i> 143:1807-1817.
KOR	C26	Evans et al. Environmental Control of Reproduction in <i>Themeda Australis</i> , <i>Aust. J. Bot.</i> , 17:375-89. 1969.
KOR	C27	Garcia et al., 2000. Genetic variation in the progeny of maize/ <i>Tripsacum</i> hybrids. <i>Maize Genet. Coop. Newsletter</i> 74:40-41.
KOR	C28	Grimanelli et al, Mapping diplosporous apomixis in tetraploid <i>Tripsacum</i> : one gene or several genes, <i>Heredity</i> 80:33-39. 1998.
KOR	C29	Gustafsson Å. Apomixis in higher plants. III. Biotype and species formation. <i>Lunds Universitets Årsskrift</i> 43: 181-370. 1947.
KOR	C30	Hanna et al., Apomixis: Its identification and use in plant breeding. <i>Crop Science</i> . Vol. 27, pp. 1136-1139. 1987
KOR	C31	Holm et al. 1996. Sexuality and no apomixis found in crossing experiments with diploid <i>Potentilla argentea</i> . <i>Hereditas</i> 125:77-82.
KOR	C32	Hovin et al., Apomixis in Kentucky bluegrass. <i>Crop Science</i> . Vol. 16, pp. 635-638. 1976
KOR	C33	Hussey et al. Influence of photoperiod on the frequency of sexual embryo sacs in facultative apomictic buffelgrass, <i>Euphytica</i> 54:141-145. 1991.
KOR	C34	Jefferson and Bicknell, The potential impacts of apomixis: a molecular genetics approach, in <i>The Impact of Plant Molecular Genetics</i> , Birkhauser, Boston, pp. 88-89, 94, 98). 1996.
KOR	C35	Johri, et al., Comparative Embryology of Angiosperms, Vol. 1, pp. 1-4, 29-41, and 84-94, 1992.
KOR	C36	Kenny et al., A test of the general-purpose genotype hypothesis in sexual and asexual <i>Erigeron</i> species. <i>The American Midland Naturalist</i> , Vol. 136, No. 1, pp. 1-13, 1996.
KOR	C37	Knox, R.B. et al., Experimental Control of Apsporous Apomixis in a Grass of the Andropogoneae, <i>Botanisk Notiser</i> 116:127-141 (1963)
KOR	C38	Knox, R.B., Apomixis: Seasonal and Population Differences in a Grass, <i>Science</i> 157:325-326 (1967)
KOR	C39	Kraft et al. 2000. Linkage disequilibrium and fingerprinting in sugarbeet. <i>Theor. Appl. Genet.</i> 101:323-326.
KOR	C40	Kultunow et al. Apomixis: molecular strategies for the generation of genetically identical seeds without fertilization, <i>Plant Physiol</i> 108: 1345-1352. 1995.
KOR	C41	Leblanc et al. Detection of the apomictic mode of reproduction in maize- <i>Tripsacum</i> hybrids using maize RFLP markers, <i>Theor Appl Genet</i> 90: 1198-1203. 1995.

EXAMINER	/Keith Robinson/	DATE CONSIDERED	12/20/2006
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

LIST OF REFERENCES CITED BY APPLICANT Form PTO-1449 <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.:	APPLICATION NO.:
		81938-4199	10785, 157
		APPLICANT:	
		John G. CARMAN	
Sheet 3 of 4		FILING DATE:	GROUP:
		Concurrently herewith	1638

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
KOR	C42	Leblanc, O. et al.; Megasporogenesis and Megagametogenesis in Several <i>Tripsacum</i> species (Poaceae), <i>American Journal of Botany</i> 82:57-63 (1995)	
KOR	C43	Leblanc, O. et al., Timing of Megasporogenesis in <i>Tripsacum</i> species (Poaceae) as Related to the Control of Apomixis and Sexuality, <i>Polish Botanical Studies</i> *75:81 (1994)	
KOR	C44	Liu et al. Hybrids and backcross progenies between wheat (<i>Triticum aestivum</i> L.) And apomictic Australian wheatgrass [<i>Elymus rectisetus</i> (Nees in Lehm.) A. Löve & Connor]: karyotypic and genomic analyses, <i>Theor Appl Genet</i> , 89:599-605. 1994.	
KOR	C45	Marshall, D.R., et al., The Evolution of Apomixis, <i>Heredity</i> 47:1-15 (1981)	
KOR	C46	Mogie, M. A Model for the Evolution and Control of Generative Apomixis, <i>Biological Journal of the Linnean Society</i> 35:127-153 (1988)	
KOR	C47	Mogie, The Evolution of Asexual Reproduction in Plants, 139-196. 1992.	
KOR	C48	Mujeeb-Kazi, A., Apomictic Progeny Derived from Intergeneric <i>Hordium-Triticum</i> Hybrids, <i>The Journal of Heredity</i> 72:284-285 (1981)	
KOR	C49	Mujeeb-Kazi, A., Apomixis in Trigeneric Hybrids of <i>Triticum aestivum/Leymus racemosus/Thinopyrum elongatum</i> , <i>Cytologia</i> 61:15-18 (1996)	
KOR	C50	Naumova et al., Apomixis in plants: structural and functional aspects of diplospory in <i>Poa Nemoralis</i> and <i>P. palustris</i> , <i>Protoplasma</i> 208:186-195, 1995.	
KOR	C51	Naumova, T.N. et al., Quantitative Analysis of Aposporous Parthenogenesis in <i>Poa pratensis</i> Genotypes, <i>Acta Botanica Neerlandica</i> 42:299-312 (1993)	
KOR	C52	Naumova, T.N. et al., Ultrastructural Characteristics of Apospory in <i>Panicum maximum</i> , <i>Sexual Plant Reproduction</i> 8:197-204 (1995)	
KOR	C53	Nogler, G.A., Genetics of Gametophytic Apomixis - A Historial Sketch, <i>Polish Botanical Studies</i> 8:5-11 (1994)	
KOR	C54	Nordborg, B., Embryological Studies in the <i>Sanguisorba Minor</i> Complex (Rosaceae), <i>Botaniska Notiser</i> 120:109-119 (1967)	
KOR	C55	Ozias-Akins, P., et al., Transmissions of the Apomictic Mode of Reproduction in <i>Pennisetum</i> : Co-Inheritance of the Trait and Molecular Markers, <i>Theoretical and Applied Genetics</i> 85:632-638 (1993)	
KOR	C56	Ozias-Akins et al. Tight clustering and hemizygosity of apomixis-linked molecular markers in <i>Pennisetum squamulatum</i> implies genetic control of apospory by a divergent locus that may have no allelic form in sexual genotypes, <i>Proc Natl Acad Sci</i> 95: 5127-5132.	
KOR	C57	Ozias-Akins, Characterization of the Genomic Region Associated with the Transmission of Apomixis in <i>Pennisetum</i> and <i>Cenchrus</i> , presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.	
KOR	C58	Peacock, J., Genetic Engineering and Mutagenesis for Apomixis in Rice, In: Wilson KJ, ed., <i>Proceedings of the International Workshop of Apomixis in Rice</i> , Changsha, China. New York: Rockefeller Foundation 11-22 (1993)	
KOR	C59	Peel, M.D. et al., Megasporocyte Callose in Apomictic Buffelgrass, Kentucky Bluegrass, <i>Pennisetum squamulatum</i> Fresen, <i>Tripsacum L.</i> , and Weeping Lovegrass, <i>Crop Science</i> , Vol. 37, No. 3	
KOR	C60	Peel, M.D. et al., Meiotic Anomalies in Hybrids Between Wheat and Apomictic <i>Elymus rectisetus</i> (Nees in Lehm.) A. Love & Connor, <i>Crop Sci.</i> 37:717-723 (1997)	
KOR	C61	Poehlman, Breeding Field Crops, 3 rd Ed., pp. 164-165, 332-339. 1987.	

EXAMINER <i>/Keith Robinson/</i>	DATE CONSIDERED 12/20/2006
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

LIST OF REFERENCES CITED BY APPLICANT Form PTO-1449 <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.:	APPLICATION NO.:
		81938-4199	10/185,157
		APPLICANT:	
		John G. CARMAN	
Sheet 4 of 4		FILING DATE:	GROUP:
		Concurrently herewith	1638

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
KOR	C62	Purnhauser et al., 1993. A method for crossing non-synchronously flowering parents in wheat, using cold storage of the female parent. <i>Cereal Res. Comm.</i> 21(2-3):175-179	
KOR	C63	Quarin, Seasonal changes in the incidence of apomixis of diploid, triploid, and tetraploid plants of <i>Paspalum cromyorrhizum</i> . <i>Euphytica</i> . Vol. 35, pp. 515-522. (Abstract only) 1986	
KOR	C64	Ramula et al. Apomixis for crop improvement, <i>Protoplasma</i> 208: 196-205 (see Abstract and Conclusions). 1999.	
KOR	C65	Salisbury et al. <i>Plant Physiology</i> , 4 th Ed., pp. 504-514. 1992.	
KOR	C66	Saran et al. 1976. Environmental control of reproduction in <i>Dichanthium intermedium</i> . <i>J. Cytol. Genet.</i> 11:22-28.	
KOR	C67	Sharbel et al. Genome-Wide Genetic Variability and DNA Sequence Divergence along an Aneuploid Chromosome Associated with Apomixis in the <i>Arabis holboellii</i> Complex, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.	
KOR	C68	Sherman, R.A. et al., Apomixis in Diploid X Triploid <i>Tripsacum dactyloides</i> hybrids, <i>Genome</i> 34:528-532 (1991)	
KOR	C69	Sherwood et al. Inheritance of apospory in buffelgrass, <i>Crop Sci</i> 34:1490-1494. 1994.	
KOR	C70	Sherwood. Genetic analysis of apomixis, in Savidan et al. ed., <i>The Flowering of Apomixis: From Mechanisms to Genetic Engineering</i> , D.F.:CIMMYT,IRD,EC DG V1, FAIR, 2001.	
KOR	C71	That, New developments in hybrid rice. <i>International Rice Commission Newsletter</i> . Vol. 42, pp. 28-34. (Abstract only) 1993	
KOR	C72	Torabinejad et al. Morphology and genome analyses of interspecific hybrids of <i>Elymus scaber</i> , <i>Géome</i> , 29:150-155. 1987.	
KOR	C73	Vielle Calzada, J-P et al., Apomixis: the Asexual Revolution, <i>Science</i> 274:1322-1323 (1996)	
KOR	C74	von Bothmer R. et al., Complex Interspecific Hybridization in Barley (<i>Hordium vulgare L</i> and the Possible Occurrence of Apomixis. <i>Theoretical and Applied Genetics</i> , 76:681-690 (1988).	
KOR	C75	Zenktele. <i>In Vitro</i> Fertilization and Wide Hybridization in Higher Plants, <i>Critical Reviews in Plant Sciences</i> , 9: 267-279. 1990.	

EXAMINER	/Keith Robinson/	DATE CONSIDERED	12/20/2006
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			